

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Whittle, et al.
Serial No.: To be assigned
Filed: Concurrently Herewith
For: *PHARMACEUTICAL FORMULATIONS*

Date: January 30, 2004

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

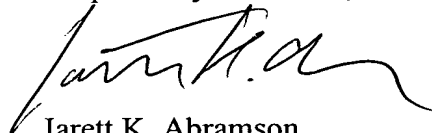
Sir:

Attached is a copy of one form PTO-1449 as filed in parent application serial number 10/434,259, with the Attorney Docket Number of the parent application struck through and the Attorney Docket Number of the above-referenced application written in.

A copy of each of the references above has been submitted to, or cited by, the Examiner in the parent application and is not provided herewith.

It is requested that all of these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.56 and Section 609 of the MPEP. No fee is believed due; however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,



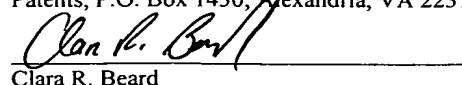
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Clara R. Beard

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5573-1151P7CT3 5573-1151P7CT7		Serial No. To Be Assigned	
				Applicants: Whittle et al.			
				Filing Date Concurrently herewith		Group: Not yet known	
U. S. PATENT DOCUMENTS							
Examiner Initial	Serial Number	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	4,128,658	12/05/78	Price et al.	424	285	
	2.	4,255,431	03/10/81	Junggren et al.	424	263	
	3.	4,279,819	07/21/81	Price et al.	260	326.5 S	
	4.	4,337,257	06/29/82	Junggren et al.	424	263	
	5.	4,508,905	04/02/85	Junggren et al.	546	271	
	6.	4,555,518	11/26/85	Rainer	514	338	
	7.	4,596,795	06/24/86	Pitha	514	58	
	8.	4,612,378	09/16/86	Bosshard et al.	548	170	
	9.	4,620,008	10/28/86	Brändström et al.	546	271	
	10.	4,628,098	12/09/86	Nohara et al.	546	271	
	11.	4,636,499	01/13/87	Brändström et al.	514	222	
	12.	4,725,691	02/16/88	Brändström et al.	546	172	
	13.	4,727,064	02/23/88	Pitha	514	58	
	14.	4,738,974	04/19/88	Brändström	514	338	
	15.	4,753,955	06/28/88	Matsuishi et al.	514	338	
	16.	4,772,619	09/20/88	Adelstein et al.	514	338	
	17.	4,777,172	10/11/88	Ife et al.	514	234.5	
	18.	4,786,505	11/22/88	Lovgren et al.	424	468	
	19.	4,808,596	02/28/89	Matsuishi et al.	514	303	
	20.	4,820,708	04/11/89	Ife et al.	514	232.8	
	21.	4,840,799	06/20/89	Appelgren et al.	424	493	
	22.	4,853,230	08/01/89	Lovgren et al.	424	466	
	23.	5,021,443	06/04/91	Bru-Magniez et al.	514	394	
	24.	5,045,321	09/03/91	Makino et al.	424	475	
	25.	5,070,101	12/03/91	Kaminski	514	399	

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number 5573-115IP7CT3 5573-115IP7CT 7		Serial No. To Be Assigned	
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				Filing Date Concurrently herewith		Group: Not yet known	
U. S. PATENT DOCUMENTS (Cont'd)							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	26.	5,075,323	12/24/91	Fain et al.	514	338	
	27.	5,093,132	03/03/92	Makino et al.	424	475	
	28.	5,093,342	03/03/92	Tomoi et al.	514	328	
	29.	5,096,893	03/17/92	Pitha et al.	514	58	
	30.	5,106,863	04/21/92	Hajos et al.	514	395	
	31.	5,124,158	06/23/92	Ruwart et al.	424	449	
	32.	5,178,867	01/12/93	Guittard et al.	424	473	
	33.	5,196,205	03/23/93	Borody	424	653	
	34.	5,204,118	04/20/93	Goldman et al.	424	489	
	35.	5,206,025	04/27/93	Courteille et al.	424	439	
	36.	5,219,870	06/15/93	Kim	514	338	
	37.	5,232,706	08/03/93	Palomo Coll	424	475	
	38.	5,244,670	09/14/93	Upson et al.	424	439	
	39.	5,246,714	09/21/93	Dahlinder et al.	424	497	
	40.	5,288,506	02/22/94	Spickett et al.	424	498	
	41.	5,294,439	03/15/94	Yamasaka et al.	424	78.01	
	42.	5,294,629	03/15/94	Machinami et al.	514	366	
	43.	5,304,540	04/19/94	Blackburn et al.	514	2	
	44.	5,352,688	10/04/94	Kaminski	514	357	
	45.	5,362,424	11/08/94	Lee et al.	264	4.3	
	46.	5,374,730	12/20/94	Slemon et al.	546	271	
	47.	5,385,739	01/31/95	Debregeas et al.	424	494	
	48.	5,386,032	01/31/95	Brändström	546	271	
	49.	5,391,752	02/21/95	Hoerrner et al.	546	271	
	50.	5,399,700	03/21/95	Min et al.	546	271	

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				Applicants: Whittle et al.			
				Filing Date Concurrently herewith		Group: Not yet known	
U. S. PATENT DOCUMENTS (Cont'd)							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
	51.	5,417,980	05/23/95	Goldman et al.	424	464	
	52.	5,433,959	07/18/95	Makino et al.	424	475	
	53.	5,476,669	12/19/95	Borody	424	653	
	54.	5,508,041	04/16/96	Lee et al.	424	451	
	55.	5,514,660	05/07/96	Zopf et al.	514	25	
	56.	5,518,730	05/21/96	Fuisz	424	426	
	57.	5,536,735	07/16/96	Takechi et al.	514	338	
	58.	5,571,811	11/05/96	Heeres et al.	514	252	
	59.	5,578,732	11/26/96	Kato et al.	546	273.7	
	60.	5,582,837	12/10/96	Shell	424	451	
	61.	5,589,491	12/31/96	Nakanishi et al.	514	338	
	62.	5,599,794	02/04/97	Eek et al.	514	29	
	63.	5,616,593	04/01/97	Patel et al.	514	321	
	64.	5,620,964	04/15/97	Roth et al.	514	53	
	65.	5,622,717	04/22/97	Fuisz	424	488	
	66.	5,629,305	05/13/97	Eek et al.	514	199	
	67.	5,633,244	05/27/97	Eek et al.	514	199	
	68.	5,635,520	06/03/97	Uda	514	338	
	69.	5,637,592	06/10/97	Heeres et al.	514	252	
	70.	5,639,478	06/17/97	Makino et al.	424	475	
	71.	5,639,754	06/17/97	Heeres et al.	514	252	
	72.	5,650,411	07/22/97	Heeres et al.	514	252	
	73.	5,651,987	07/29/97	Fuisz	424	488	
	74.	5,656,286	08/12/97	Miranda et al.	424	449	
	75.	6,262,085	07/17/01	Whittle, et al.	514	338	03/07/00
	76.	6,262,086	07/17/01	Whittle, et al.	514	338	07/31/00

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				Applicants: Whittle et al.			
				Filing Date Concurrently herewith		Group: Not vet known	
	77.	6,268,385	07/31/01	Whittle, et al.	514	338	08/24/00
	78.	5,665,730	09/09/97	Senn-Bilfinger et al.	514	300	
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	79.	5,670,932	09/23/97	Kizima	340	384.6	
	80.	5,686,588	11/11/97	Yoo	536	13.3	
	81.	5,693,818	12/02/97	Von Unge	546	273.7	
	82.	5,710,156	01/20/98	Heeres et al.	514	255	
	83.	5,714,504	02/03/98	Lindberg et al.	514	338	
	84.	5,719,161	02/17/98	Rainer	514	300	
	85.	5,728,700	03/17/98	Heeres et al.	514	252	
	86.	5,731,002	03/24/98	Olovson et al.	424	484	
	87.	5,753,630	05/19/98	Zopf et al.	514	25	
	88.	5,766,622	06/16/98	Nelson	424	440	
	89.	5,776,765	07/07/98	Graham et al.	435	280	
	90.	5,811,426	09/22/98	Heeres et al.	514	252	
	91.	5,811,547	09/22/98	Nakamichi et al.	540	589	
	92.	5,817,338	10/06/98	Bergstrand et al.	424	468	
	93.	5,840,552	11/24/98	Holt et al.	435	118	
	94.	5,846,562	12/08/98	Yanai et al.	424	451	
	95.	5,859,030	01/12/99	Kohl et al.	514	338	
	96.	5,877,192	03/02/99	Lindberg et al.	514	338	
	97.	5,916,904	06/29/99	Sato et al.	514	338	
	98.	5,929,244	07/27/99	Von Unge	546	273.7	
	99.	5,948,789	09/07/99	Larsson et al.	514	299	

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				Applicants: Whittle et al.			
				Filing Date Concurrently herewith		Group: Not yet known	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	100.	0124495 A2	11/07/84	EPO	C07D	401/12	X
	101.	61007281 A2	01/13/86	JAPAN	C07D	513/14	X (Abstract)
	102.	0166287 B1	01/02/86	EPO	C07D	401/12	X
	103.	0171372 A1	02/12/86	EPO	C07D	513/14	X
	104.	61205211	09/11/86	JAPAN	A61K	031/44	X (Abstract)
	105.	0197013 A1	10/08/86	EPO	C07D	401/12	X
	106.	61271259	12/01/86	JAPAN	C07C	93/14	X (Abstract)
	107.	02049774 A2	02/20/90	JAPAN	C07D	235/28	X (Abstract)
	108.	4035455 A1	05/14/92	GERMANY	C07D	401/12	X
	109.	WO 89/03829	05/05/89	WIPO	C07D	401/12	X
	110.	0484265 A1	05/06/92	EPO	C07D	401/12	X
	111.	WO 92/08716	05/29/92	WIPO	C07D	401/12	X (Abstract)
	112.	WO 93/21920	11/11/93	WIPO	A61K	31/44	X
	113.	WO 94/02141	02/03/94	WIPO	A61K	31/44	X
	114.	0585722 A1	03/09/94	EPO	A61K	31/44	X
	115.	06096581	04/08/94	JAPAN	G11C	114/01	X (Abstract)
	116.	06316573	11/15/94	JAPAN	C07D	401/12	X (Abstract)
	117.	WO 94/27988	12/08/94	WIPO	C07D	401/12	X
	118.	WO 95/01783	01/19/95	WIPO	A61K	9/24	X
	119.	WO 95/01977	01/19/95	WIPO	C07D	401/12	X
	120.	WO 95/18612	07/13/95	WIPO	A61K	31/44	X
	121.	WO	12/07/95	WIPO	C07D	401/12	X

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Patent and Trademark Office

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Attorney Docket Number

~~5573-115IP7CT3~~
5573-115IP7CT7

Serial No.
To Be
Assigned

Applicants: Whittle et al.

Filing Date Concurrently herewith

Group: Not
yet known

		95/32957					
	122.	WO96/01622	01/25/96	WIPO	A61K	9/24	X
	123.	WO 96/01623	01/25/96	WIPO	A61K	9/26	X
	124.	WO 96/02535	02/01/97	WIPO	C07D	401/12	X

FOREIGN PATENT DOCUMENTS (Cont'd.)

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	125.	WO 97/20851	06/12/97	WIPO	C07F	7/08	X
	126.	WO 97/25030	07/17/97	WIPO	A61K	9/46	X
	127.	WO 98/19668	05/14/98	WIPO	A61K	9/50	X
	128.	WO 98/53803	12/03/98	WIPO	A61K	9/28	X
	129.	WO 98/54171	12/03/98	WIPO	C07D	401/12	X
	130.	WO 99/08500	02/25/99	WIPO	NONE		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	131.	"The Mechanism of Action of the Gastric Acid Secretion Inhibitor Omeprazole," <i>Journal of Medicinal Chemistry</i> 29:8 1327-1329 (1986).
	132.	Beckett et al.; "4-Hydroxybenzazoles: Preparation and Antibacterial Activities," <i>J. Pharm. and Pharmacol</i> 8:661-665 (1956).
	133.	Brändström et al.; "Structure activity relationships of substituted benzimidazoles," <i>Scandinavian Journal of Gastroenterology</i> 20:Supplemental 108 15-22 (1985).
	134.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. I. A Survey of the Chemical Transformations of Omeprazole and its Analogues," <i>Acta Chemica Scandinavica</i> 43:536-548 (1989).
	135.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. II. Kinetics of the Reaction of Omeprazole in the Presence of 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:549-568 (1989).
	136.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. III. Protolytic Behaviour of Compounds in the Omeprazole System," <i>Acta Chemica Scandinavica</i> 43:569-576 (1989).

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137.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. IV. Reactions of Compounds of the Omeprazole System with 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:577-586 (1989).		
138.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. V. The Reaction of N-Alkylated Derivatives of Omeprazole Analogues with 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:587-594 (1989).		
139.	Brändström et al.; "Chemical Reactions of Omeprazole and Omeprazole Analogues. VI. The Reactions of Omeprazole in the Absence of 2-Mercaptoethanol," <i>Acta Chemica Scandinavica</i> 43:595-611 (1989).		
140.	Clissold et al.; "Omeprazole A Preliminary Review of its Pharmacodynamic and Pharmacokinetic Properties, and Therapeutic Potential in Peptic Ulcer Disease and Zollinger-Ellison Syndrome," <i>Drugs</i> 32:15-47 (1986).		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) (Cont'd)			
141.	Erlandsson; "Resolution of the enantiomers of omeprazole and some of its analogues by liquid chromatography on a trisphenylcarbomoylcellulose-based stationary phase. The effect of the enantiomers of omeprazole on gastric glands," <i>Journal of Chromatography</i> 532:305-319 (1990).		
142.	Lindberg et al.; "Structure-activity relationships of omeprazole analogues and their mechanism of action," <i>TIPS</i> 8:399-402 (October 1987).		
143.	Maier et al.; "Diphenylethanediamine (DPEDA) Derivatives as Chiral Selectors: IV. A Comparison of 3,5-Dinitrobenzoylated (S,S)- and (S,R)-DPEDA-Derived Chiral Stationary Phases with Pirkle's Standard (R)-Phenylglycine-Derived Phase in Normal Phase HPLC," <i>Chirality</i> 6:116-128 (1994).		
144.	Marle et al.; "Separation of enantiomers using cellulase (CBH I) silica as a chiral stationary phase," <i>Journal of Chromatography</i> 582:233-248 (1991).		
145.	Marle et al.; "Chiral stationary phases based on intact and fragmented cellobiohydrolase I immobilized on silica," <i>Journal of Chromatography</i> 648:333-347 (1993).		
146.	Ohishi et al.; "Structure of 5-Methoxy-2-[[4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl]-1H-benzimidazole (Omeprazole)," <i>Acta Cryst. C</i> 45:1921-1923 (1989).		
147.	Sachs et al.; "Gastric H,K-ATPase as Therapeutic Target," <i>Ann. Rev. Pharmacol. Toxicol.</i> 28:269-284 (1988).		
148.	Uray et al.; "Diphenylethanediamine derivatives as chiral selectors VIII. Influence of the second amido function on the high-performance liquid chromatographic enantioseparation characteristics of (N-3,5-dinitrobenzoyl)-diphenylethanediamine based chiral stationary phases," <i>Journal of Chromatography A</i> 799:1+2 67-81 (March 1998)		
149.	von Unge et al.; "Stereochemical assignment of the enantiomers of omeprazole from X-ray analysis of a fenchyloxymethyl derivative of (+)-(R)-omeprazole," <i>Tetrahedron: Asymmetry</i> 8:12 1967-1970 (1997).		
150.	U.S. Patent Application No. 09/629,587 to Whittle, et al. entitled <i>Pharmaceutical Formulations</i> ; filed July 31, 2000.		
151.	U.S. Patent Application No. 09/628,840 to Whittle, et al. entitled <i>Method of Improving Bioavailability</i> ; filed July 31, 2000.		

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		Applicants: Whittle et al.	
		Filing Date Concurrently herewith	Group: Not yet known
	152.	U.S. Patent Application No. 09/629,634 to Whittle, et al. entitled <i>Pharmaceutical Unit Dosage Form</i> ; filed July 31, 2000.	
	153.	U.S. Patent Application No. 09/645,148 to Whittle, et al. entitled <i>Dry Blend Pharmaceutical Unit Dosage Form</i> ; filed August 24, 2000.	

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